

F. H. Selden

APR 6 191



LINDERMAN MACHINE CO.
MUSKEGON, MICH.
U.S.A.



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LINDERMAN MACHINE CO., MUSKEGON, MICH.

APR 6 1911
F. H. Seiden



We desire to convey in this catalogue a general idea of our AUTOMATIC DOVETAIL GLUE JOINTER which combines ALL the operations necessary to complete the work including sizing the finished panel to the correct width.

Brunswick
Balke
Collender
Co.
Billiard
and
Pool Tables
are
Dovetail
Jointed

LINDERMAN MACHINE CO., MUSKEGON, MICH.

THE MACHINE AND HOW IT OPERATES

THE machine is provided with two endless beds traveling (on "V" way tracks) from each end of the machine toward the center, where they pass each other.

The stock is automatically fed into each end of the machine, and in transit toward the center is DOVETAILED and CLUED. As the pieces reach the center of the machine they are UNITED and are automatically discharged, making a complete joint.

The feed of the machine being continuous the pieces of stock follow each other endwise.

The center operator receives the jointed stock and if not wide enough it is fed through the machine again. This operation is continued until any desired width is obtained.

The composite board is then edged by the center operator on the accompanying edger to the finished width, which completes the panel.

Des Moines
Casket Co.
Iowa Coffin Co.
Memphis
Coffin Co.
St. Louis Coffin
F. C. Riddle
Bro. Co.
National
Casket Co.
use the 8-foot
machine

LINDERMAN MACHINE CO., MUSKEGON, MICH.

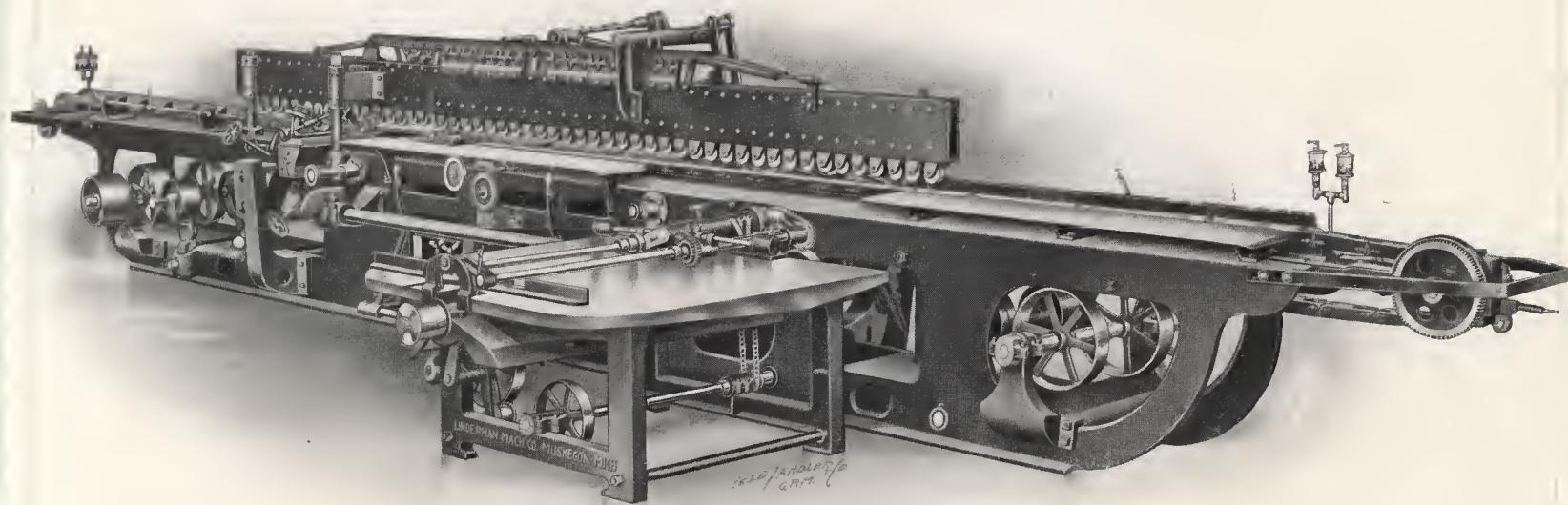
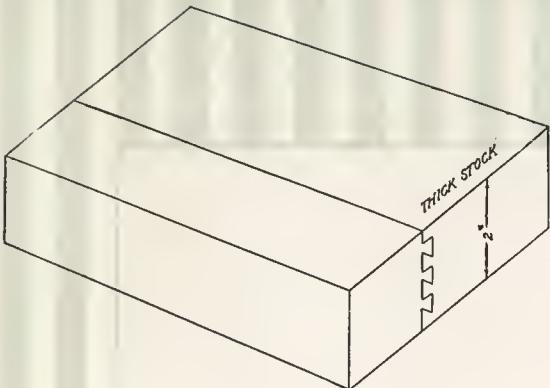


Illustration of a six-foot Automatic Dovetail Glue Jointer with
edger placed in position.

We have
made over
150
machines



LINDERMAN MACHINE CO., MUSKEGON, MICH.

OPERATION



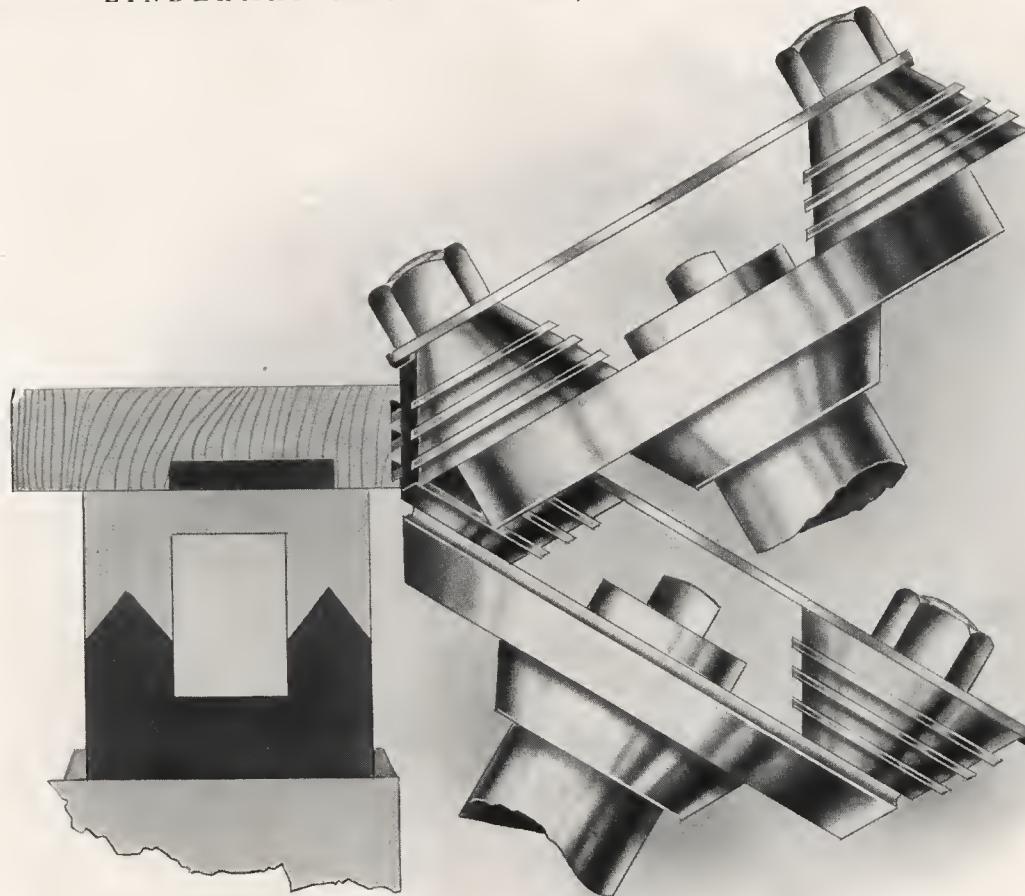
JUDGING from inquiries we receive and realizing that the machine revolutionizes the jointing and uniting of lumber--we take this occasion to state that there is no extra work to be done in any manner what so ever--when the panel comes from the machine it is finished to width, ready for planing.

Usually the rough lumber is cut to any required length and the defects taken out--this is all the preparation the machine requires, unless the wind is to be taken out.

This lumber can then be given to the machine and the panel finished to width is the result.

M. Schulz Co.
Smith Barnes & Strohber
Baldwin Piano Co.
Cable Nelson Co.
Grand Rapids Piano Case Co.
Schiller Piano Co.
H. Ludwig Co.
The Sterling Co.
Piano Cases are Dovetail Jointed

LINDERMAN MACHINE CO., MUSKEGON, MICH.

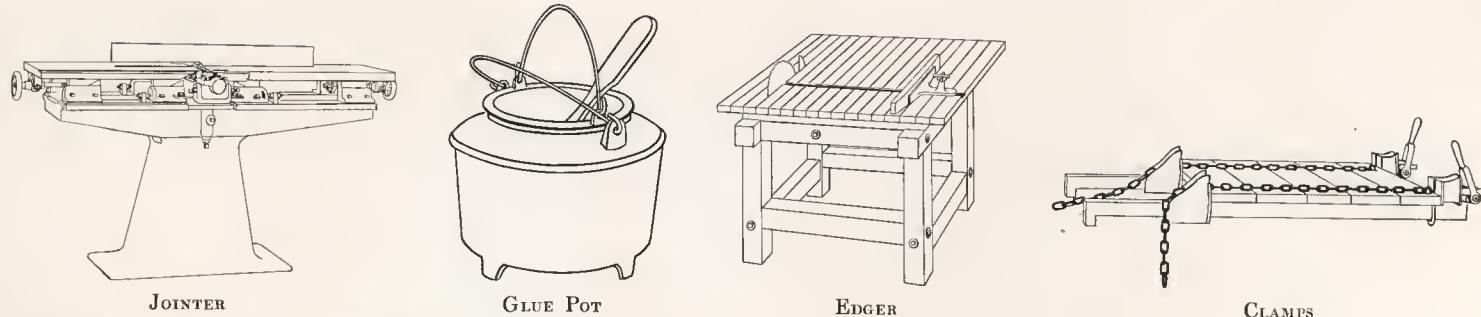


Cross section of frame and track chain showing cutter heads making the dovetail groove.

(Five)

Cutler & Gunn
Writing Desks,
etc. are made
on a
Dovetail
Glue Jointer

LINDERMAN MACHINE CO., MUSKEGON, MICH.



JOINTER

GLUE POT

EDGER

CLAMPS

(Either Hand, Stroke, or Continuous Feed)

The Singer
Sewing
Machine Co.
operate
Five
Dovetail
Glue Jointers



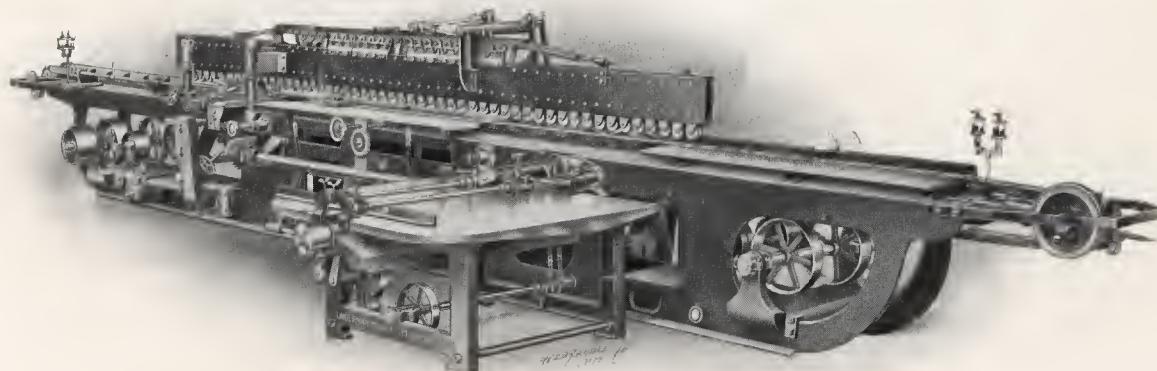
THESE implements are generally used in some form to complete a glue joint.

The cost of operating these tools is excessive as compared to the opposite page.

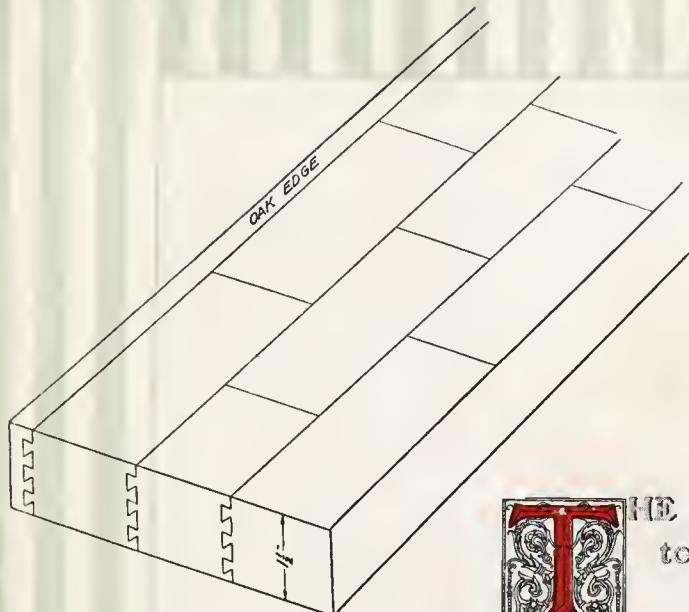
LINDEMAN MACHINE CO., MUSKEGON, MICH.

ONE {
Handling
Machine
Operation

completes the work in a masterly manner making a perfect joint with a permanent internal clamp.



Sidney
Novelty Co.
use the
Dovetail
Glue Jointer



LINDERMAN MACHINE CO., MUSKEGON, MICH.

INFORMATION

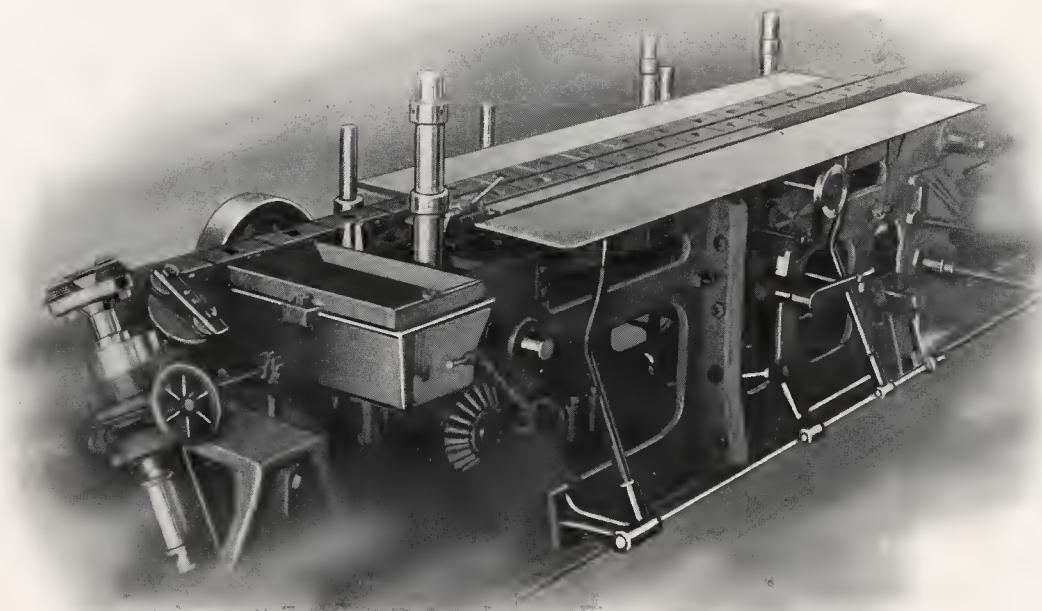
THE Automatic Dovetail Glue Jointer is as necessary to a modern wood-working plant as a planer.

Although a workman and a jack plane can smooth the surface of a board--no one would consider it economical to have it done that way.

Why then is it necessary to have numerous appliances and machinery with a number of different handlings to joint, glue, clamp and edge the stock when a machine can do it all at one time and have the stock returned quickly without lying around with a lot of clamps hanging to it?

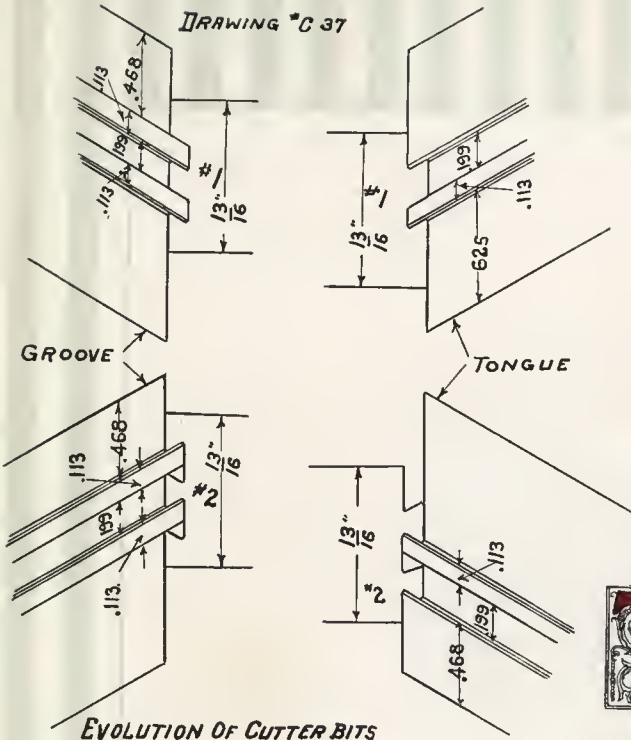
J. C. Widman
& Co.
use the
Automatic
Dovetail
Glue Jointer

LINDERMAN MACHINE CO., MUSKEGON, MICH.



J. K. Rishell
Furniture Co.
use a
6-foot Machine

Illustration of center section of machine where endless beds pass
each other. (Pressure bars removed.)



EVOLUTION OF CUTTER BITS

LINDERMAN MACHINE CO., MUSKEGON, MICH.

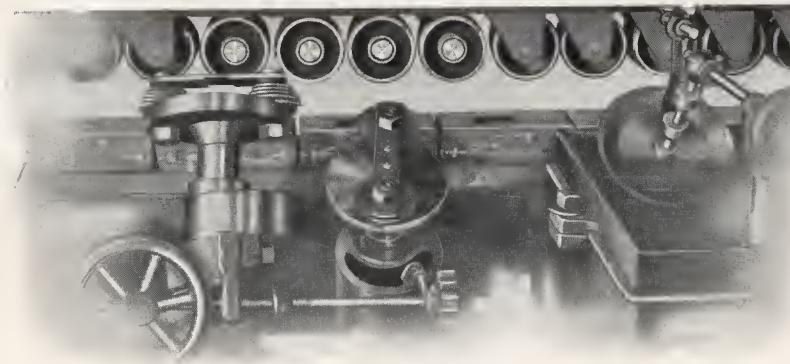
CUTTERS IN ACTION

The line drawing represents the cuts made by the different cutter heads. On the groove end of the machine cutter No. 1 joints the rough edge and cuts down into the stock; then cutter No. 2 finishes the dovetail groove.



On the tongue end of the machine the operation is the same.

LINDERMAN MACHINE CO., MUSKEGON, MICH.



Machine is
adapted to the
finest class
of jointing
for highly
polished
furniture

This illustrates the cutter adjustment and the power driven gluing roller which applies the glue to the edge of the stock not on top of it.

JOINTING
GLUING
CLAMPING
UNCLAMPING
EDGING TO WIDTH

DOVETAIL GLUE JOINTER

LINDERMAN MACHINE CO., MUSKEGON, MICH.

ALL OF THESE OPERATIONS COMBINED
IN ONE MACHINE

CAPACITY



THE capacity of the machine on short stock is governed entirely by the ability of the operators to FEED the machine.

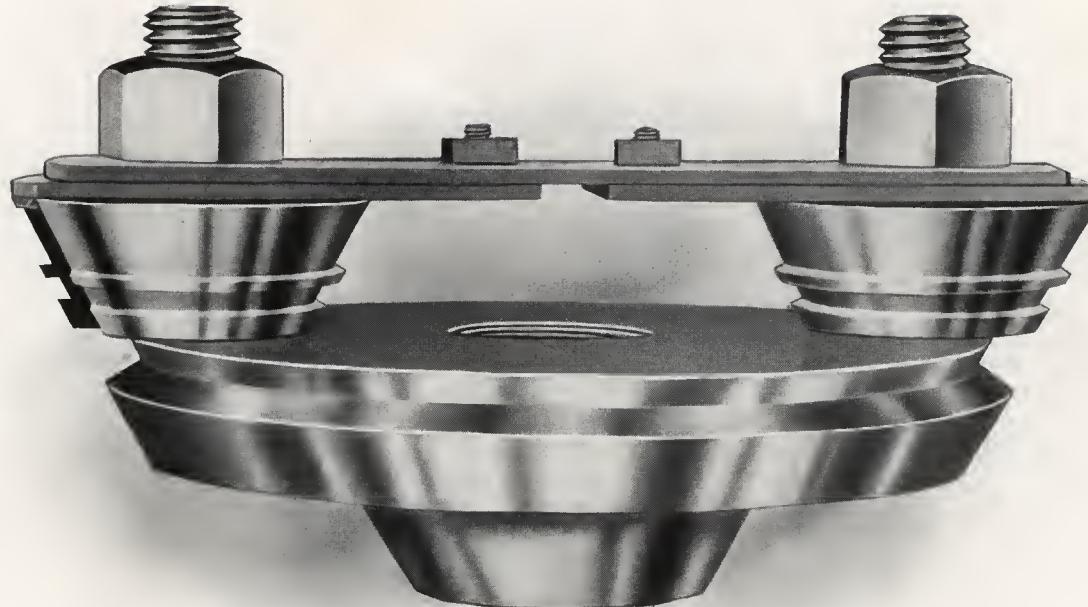
The endless beds travel about 35 feet per minute for fine work on the hardest woods--50 to 70 feet on coarser work and soft wood.

Three changes of speed are provided on all machines.

The Paine
Lumber Co.
use Five
Machines
on their
"Korelock"
Doors

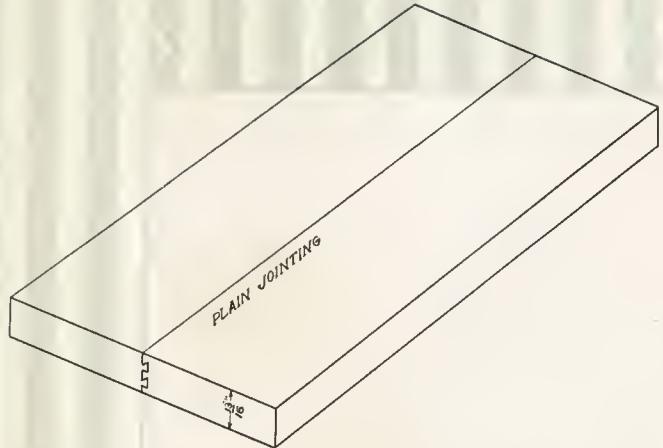
LINDERMAN MACHINE CO., MUSKEGON, MICH.

Notice the Stop for
Setting Cutter



Forming cutter bits accurate to .001 are used on a flange.
Cutters are set to small stop on plates bearing on top of bits guaranteed
to wear at least one year, easily sharpened and set.

Pacific Mfg. Co.
Taylor & Co.
Weed Lbr. Co.
Mc Cloud
River Lbr. Co.
Columbia Box
& Lbr. Co.
California Pine
Box & Lbr. Co.
use the
Automatic
Dovetail
Glue Jointer
in California



LINDERMAN MACHINE CO., MUSKEGON, MICH.

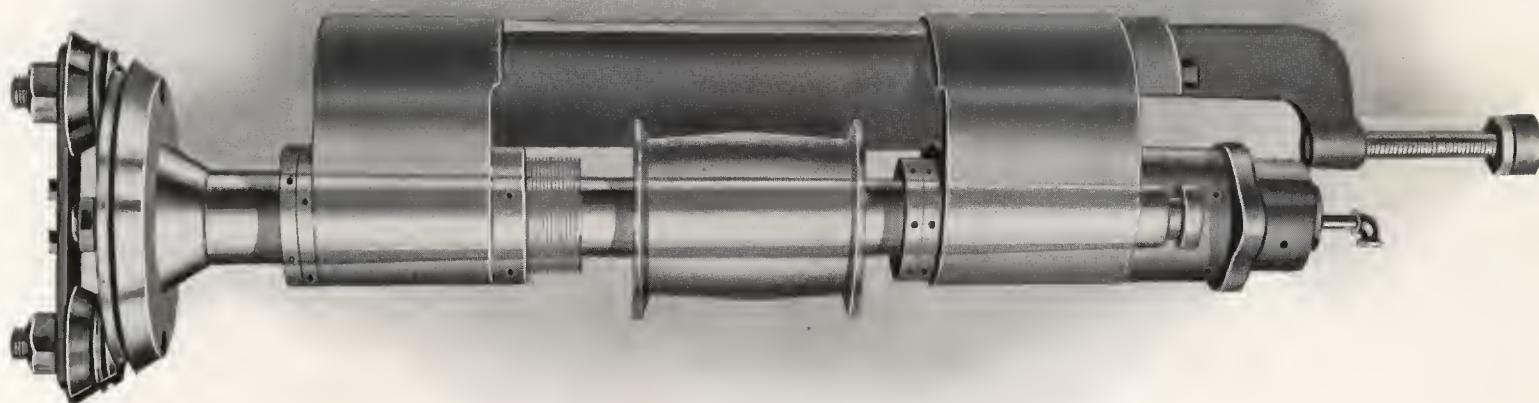
TIME SAVING

FROM the time lumber is cut off at the swing saw until it can be planed several operations and considerable time is consumed.

The dovetail jointer reduces this to practically a continuous operation--cut off saw through the jointer to planer in five minutes if necessary.

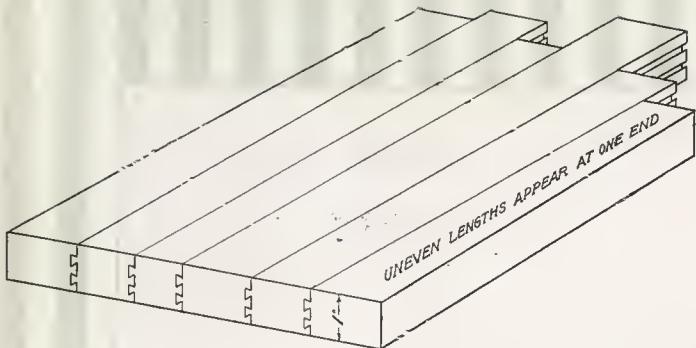
Hanson
Ward
Veneer Co.
Operate
Two
Machines

LINDERMAN MACHINE CO., MUSKEGON, MICH.



Extra large cutter arbors running in Phos Bronze taper bearings suspended in eccentrically adjusted jackets illustrates the care and attention given to the design of the important parts.

Machine
caters
to all
classes of
jointing



LINDERMAN MACHINE CO., MUSKEGON, MICH.

EXTRA JOINTING

H. Lebus & Co.
Largest
Furniture
Manufacturers
in the
World
use the
Dovetail
Glue Jointer
in England

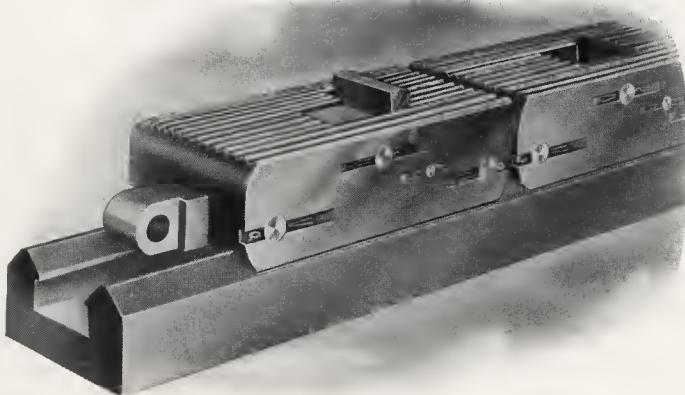


We believe, that the lower the cost of jointing the more profitable it is to use narrow widths of lumber.

Wide stock is growing expensive.

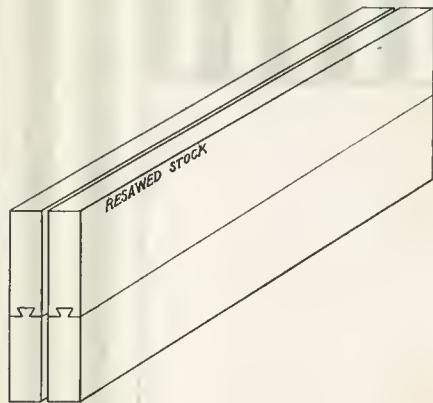
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F. H. Seiden
APR 6 1911



Section of endless bed and double "V" track which is embedded in a milled groove in a one piece machine frame insuring perfectly straight joints.

Bell
Telephones
are made
on the
Dovetail
GlueJointer



LINDERMAN MACHINE CO., MUSKEGON, MICH.

VARIABLE EDGE JOINTING



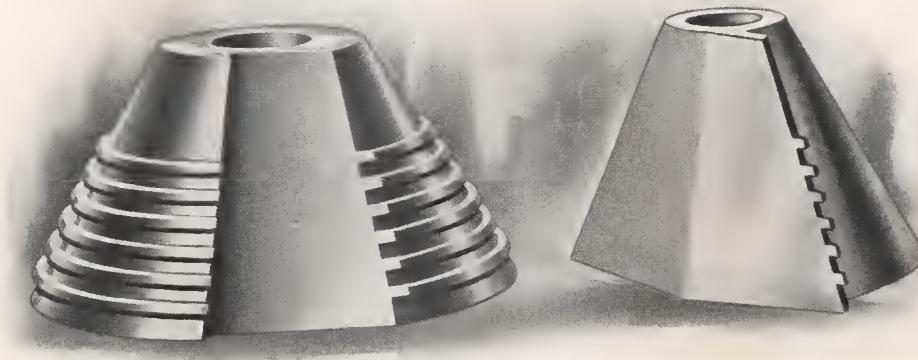
ONE of the important features of this machine is the ability of the feeders to joint off from the edge of each board whatever is necessary to straighten the edge and NO MORE.

This is accomplished by using the small pin handle attached to each guide or fence at the feeding ends of the machine--by moving this handle, 1-32 to 3-8 of an inch may be jointed off the edge of the lumber at will. This feature enables the operators to save considerable stock over any jointer which has a FIXED depth of cut.

Rodis Lumber
& Veneer Co.

Operate
Two
Machines

LINDERMAN MACHINE CO., MUSKEGON, MICH.



New Cutter and after Four Years' Wear

CUTTERS



We make about 100 different styles of joints and we are able to furnish any style or kind to suit the requirements of each customer.

Two full sets of cutters of any design accompany the machine without charge.

Knott Van
Arnam
Mfg. Co.
Heap & Sons
Sargent
Mfg. Co.
Miller
Hubbard
Plumbers'
Woodwork
is Dovetail
Jointed

IMPORTANT POINTS



HE machine joints and locks together any width, 1-1/2 inches and wider.

The product is even on the bottom and at one end.

Lumber can be handled rough or dressed.

There are no extras to be purchased, we furnish everything but the belts.

It requires good common sense, not expert help to operate the machine.

The machine puts the joint on the rough edge of the lumber; no previous preparation is necessary.

All sizes of the machine join stock as short as 3 inches.

Stock can be machined direct from the dovetail jointer.

No glue is deposited on the outside of the stock.

Changing to different lengths and thicknesses is done quickly.

There is no change for different widths.

The sizes of the machines are designated by the longest length to be operated on.

Edges of stock may be tapering or parallel.

The machine requires three hands to operate it, usually two boys and a man, and about 15 horse power to drive it.

Macey
Globe
&
Gunn
sectional
book cases
are made
on our
machine

LINDERMAN MACHINE CO., MUSKEGON, MICH.



Chair Seat showing the Dovetails

The United States War Department specifies the Dovetail Joint.

(Twenty-one)

Mahew
Mfg. Co.

S.K.Pierce
& Son

Sheboygan
Chair Co.

Murphy
Chair Co.

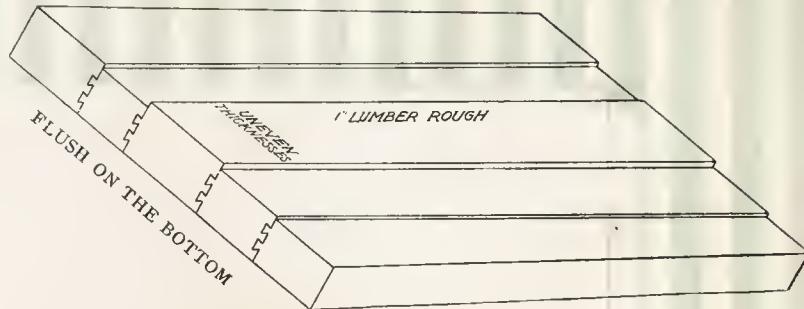
North
American
Bent
Chair Co.

S. Bent
& Bro.
use the
Dovetail
Joint on
Chair Seats

LINDERMAN MACHINE CO., MUSKEGON, MICH



LINDERMAN MACHINE CO., MUSKEGON, MICH.



SIZES

THE automatic dovetail glue jointer is built in different sizes.

Each size represents the MAXIMUM length of stock that can be glued and jointed.

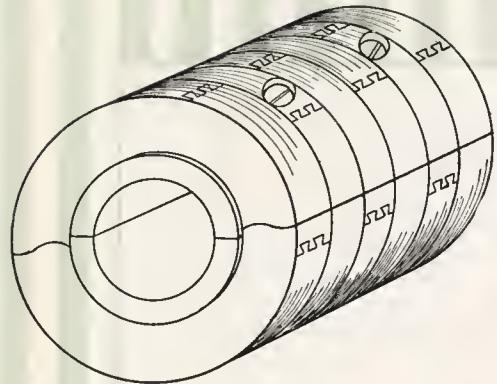
All standard machines operate on ANY length shorter than the maximum equally well but will not take stock less than 8 or 10 inches long.

All machines joint stock of any width wider than 1-1/2 and any thickness 3/8 to 2-1/2 inches.

Please mention the size machine under consideration and we will furnish full specifications including price, terms, etc.



A Large
Portion of
the goods
bearing
this trade
mark are
made on the
Automatic
Jointer



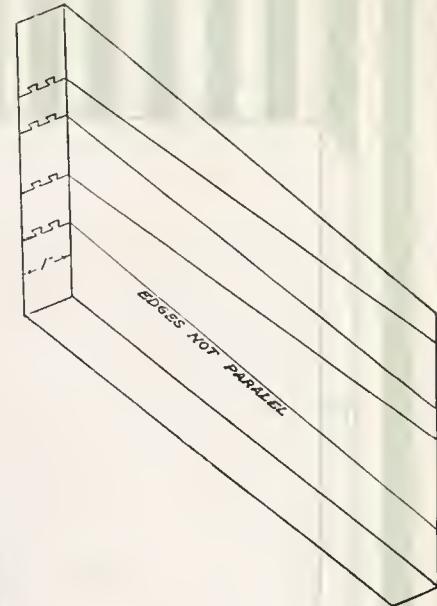
LINDERMAN MACHINE CO., MUSKEGON, MICH.

THE well known Dodge Split Pulley is jointed on the
Automatic Dovetail Glue Jointer.



(Twenty-four)

LINDERMAN MACHINE CO., MUSKEGON, MICH.



ASSURANCE

If a perfect glue joint depends on lumber, glue and labor, there is a good deal of assurance in having it done AUTOMATICALLY with a reinforcing dovetail tongue and groove which is an internal as well as an external clamp.

New Albany
Panel &
Veneer Co.
use the
Automatic
Glue Jointer

LINDERMAN MACHINE CO., MUSKEGON, MICH.

RELIABILITY



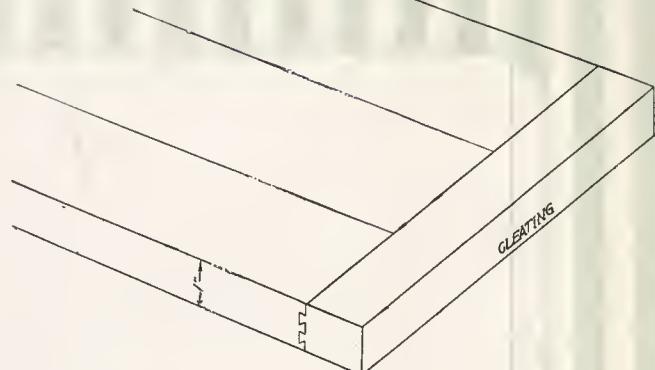
If a perfect glue joint is as strong as the natural wood,
then the percentage of broken joints must equal
the percentage of human mishaps, in
conditioning the LUMBER
applying the GLUE, or
properly CLAMPING the stock.

While the machine has no control over the condition of the lumber, the DOVETAIL safe guards the latter operations.

Kenosha
Crib Co.
Tables are
Dovetailed

F. H. Seiden

LINDERMAN MACHINE CO., MUSKEGON, MICH.



CLEATING

FREQUENTLY it becomes necessary to put cleats or bands onto the end of stock and this is accomplished by feeding the cleat into one end of the machine and the panel with end grain presented to the cutters--into the other end of the machine.

Kellogg
Switchboard
Co., use a
three-foot
Machine

LINDERMAN MACHINE CO., MUSKEGON, MICH.

MANUFACTURERS WHO USE LUMBER WILL APPRECIATE WHAT IT MEANS:

- To eliminate stock width boards from their purchases.
- To use narrow and odd width stock.
- To have no delay in manufacturing.
- To save 5 to 10 per cent. of the lumber.
- To save 50 to 100 per cent of the glue.
- To save 50 per cent of the labor.
- To produce a better joint.
- To create a selling point for the retailer
- To have a joint recommended by the War Department
of the United States of America. And
- To do away with all clamping operations.

Spiegel
Furniture Co.
case goods are
Dovetail
Glue Jointed

LINDERMAN MACHINE CO., MUSKEGON, MICH.

MODERN PRACTICE



ODERN practice demands that stock should be kept moving through the factory.

The dovetail glue jointer does not delay the stock any more than a planer.

British-
Russian &
Swedish
Erickson Co.
use
three
Machines

LINDERMAN MACHINE CO., MUSKEGON, MICH.

COST

LUE jointing considered as a whole--is an expensive operation--the dovetail joint cuts this cost in half at least.

John
Widdicomb
Co.
operate a
four-foot
Machine

LINDERMAN MACHINE CO., MUSKEGON, MICH.

GLUE WASTE

THE useless waste of glue on the outside of the clamped glue joint is extravagant. The automatic glue jointer applies the glue on the edge where it is NEEDED and not on the surface of the stock. 75 per cent. of the glue saved.

Watson
Wagon
Co.
operate a
14-foot
Machine

LINDERMAN MACHINE CO., MUSKEGON, MICH.

SELLING FEATURES

THERE is a selling point in the dovetail joint which the retailer enjoys.

What customer would select the plain jointed furniture if a dovetail piece was close at hand.

Ferguson
Bros.
operate
a 6-foot
Machine

APR 6 1911
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